ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282 3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

August 4, 1994

Gerald A. Thompson, Project Leader Alaskan Copper Works 628 South Hanford Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 29, 1994 from Project 7238, % of Acid, PO #M35562.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

Bradley T. Benson

Chemist

BTB/dp

Enclosures

ENVIRONMENTAL CHEMISTS

Date of Report: August 4, 1994 Date Received: July 29, 1994

Project: 7238, % of Acid, PO #M35562 Date Samples Extracted: August 2, 1994 Date Extracts Analyzed: August 4, 1994

RESULTS FROM THE ANALYSIS OF PROCESS WATER SAMPLES FOR SPECIFIC GRAVITY

| Sample ID | Specific Gravity |
|-------------------------|------------------|
| M 35562 A | 1.2 |
| M35562 B | 1.3 |
| Quality Assurance | |
| M35562 B (Duplicate) | 1.2 |

ENVIRONMENTAL CHEMISTS

Date of Report: August 4, 1994 Date Received: July 29, 1994

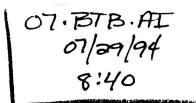
Project: 7238, % of Acid, PO #M35562 Date Samples Extracted: August 4, 1994 Date Extracts Analyzed: August 4, 1994

RESULTS FROM THE ANALYSIS OF PROCESS WATER SAMPLES FOR PERCENT ACID AS HN0₃ Results Reported as Percent

| Sample ID | Percent Acid |
|-------------------------|--------------|
| M35562 A | 28% |
| M35562 B | 35% |
| Quality Assurance | |
| M35562 B (Duplicate) | 35% |

FRIEDMAN & BRUYA, INC. 3012 16th Avenue West Seattle, WA 98119 (206) 285-8282

SAMPLE CHAIN OF CUSTODY



| Send Report To: Company A LASK | av Coppen | curates | | Contac | GERALD A. Thom, 2500 |
|---|-----------------|---------------|---------|-------------|--|
| 71001000 | 114 OF C | | | 4000 | |
| City, State, Zip 55477 | -LE WA | <i>(</i> = .6 | 98730 | | 7 74 411 |
| Phone # (206) | 623.5400 X | 218 | | Date | 7-29-94 |
| SITE NO. | | PROJE | CT NAME | | PURCHASE ORDER # |
| 7238 | | % of Ac | F. 9 | | m 35562 |
| SAMPLERS (signature) | | | | | PROJECT LOCATION |
| 22 | | | | | 3200 A 6th Ane. |
| REMARKS | | | | | SAMPLE DISPOSAL INFORMATION |
| | | | | | Dispose after 30 days Return Samples Call for Instructions |
| (| Date/Time | Type of | # of | Lah | Analyses |
| Sample # | Sampled | Sample | Jars | Sample # | |
| m35562 A | 6:00 Am 7-01-01 | Acil | 1 | 51518 | Z.f Asid F |
| | | | | | SP. Gently |
| | | | | | |
| M 35562 B | 6:00 An 7.79.94 | Acid | 1 | 51519 | % of Act f |
| | | | | | SP Granitu |
| ······································ | | | | <u> </u> | 1 |
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| Relinguished by: | | | 1 | <i>.</i> | |
| Received by: | GERN | A. Thomps | - H | 42KAN C | |
| | ely Kath | y Mille | es : | F BT | 7/29/94 8:25 |
| Received by: | | | | | |

FORMS/COC

03/24/94

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

DUPLICATE COPY

3012 16th Avenue West Seattle, WA 98119-2029 FAX: (206) 283-5044

August 4, 1994

INVOICE #94ACU0804-1

Alaskan Copper Works 628 South Hanford Seattle, WA 98134

RE: Project 7238, % of Acid, PO #M35562: Results of testing requested by Gerald A. Thompson, Project Leader for material submitted on July 29, 1994.

| 2 process water samples analyzed for Density @ \$25 per sample | \$ 50.00 |
|---|--------------|
| 2 process water samples analyzed for | |
| Percent Acid as HN03 | 90.00 |
| @ \$10 per sample | <u>20.00</u> |
| Amount Due | \$ 70. |